

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Art Unit: 2822  
Examiner: Toniae M. Thomas

In re PATENT APPLICATION of:

Applicant : Kazutaka SHIBATA )  
Serial No. : 10/727,577 )  
Filed : December 5, 2003 )  
For : SEMICONDUCTOR DEVICE )  
AND METHOD FOR )  
MANUFACTURING SAME )  
Attorney Ref. : AI 254D1 )

**INFORMATION  
DISCLOSURE  
STATEMENT**

July 12, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted pursuant to 37 CFR 1.97-1.98, within the time period specified by 37 CFR 1.97(d).

A fee of \$ 180 is being submitted concurrently. Should this remittance be accidentally missing or insufficient, though, any fees that may be needed can be charged to our Deposit Account number 18-0002.

A form PTO-1449 and copies of the references listed therein are attached. These references were cited in two Office Actions issued by the Japanese Patent Office on the two Japanese priority applications that are listed in the inventor's declaration forming part of the present U.S. application. Copies of the Japanese Office Actions are attached, along with English translations to show the relevance of the references.

The Japanese Offices Actions were issued on June 27, 2006 and July 4, 2006. Accordingly, the following statement is made pursuant to 37 CFR 1.97(e)(1): Each item of information contained in this Information Disclosure Statement was first cited in a

**FEE ENCLOSED: \$/80**  
Please charge any further  
fee to our Deposit Account  
No. 18-0002

communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

To provide further English language information about the relevance of the references listed on the accompanying form PTO-1449, Patent Abstracts of Japan summaries and machine-generated English translations are attached for some of the references. Further English language information about other references listed on the form PTO-1449 is available in the form of corresponding U.S. references, as follows:

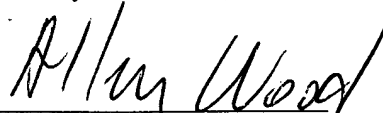
<u>Reference listed on Form 1449</u>	<u>Apparent U.S. Counterpart</u>
JP 2001-168275	6,251,705
JP 10-223833	2005/0014311 & 6,809,412
JP 10-502493	5,902,118
JP 2001-057404	2005/0146032, 2005/0146056, 2005/0146055 & 6,870,248
JP 2001-196525	2001/0008794 & 2002/0146859
JP 2001-177045	2004/0262735, 2003/0102547 & 2001/0004130

Copies of these U.S. counterparts are attached, but the counterparts are not listed on the attached form PTO-1449 because this would be inconsistent with the above statement under 37 CFR 1.97(e)(1).

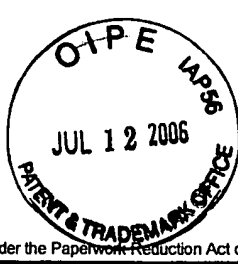
Since a Notice of Allowance issued on July 10, 2006, the \$180 fee specified by 37 CFR 1.17(p) is being submitted concurrently.

It is respectfully requested that the references listed on the attached form PTO-1449 be considered (with the aid of the attached English language information about their relevance) and made of record.

Respectfully submitted,



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PTO/SB/08a/b (07-05)  
Approved for use through 07/31/2006. OMB 0651-0031  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are to be required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/727,577	
			Filing Date	December 5, 2003	
			First Named Inventor	Kazutaka Shibata	
			Art Unit	2822	
			Examiner Name	T. M. Thomas	
Sheet	1	of	1	Attorney Docket Number	AI-254D1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-2001-57404	02-27-2001			US Counterpart
	BB	JP-2001-168275	06-22-2001			US Counterpart
	BC	JP-11-345933	12-14-1999			√
	BD	JP-10-223833	08-21-1998			US Counterpart
	BE	JP-10-502493	03-03-1998			US Counterpart
	BF	JP-2001-53218	02-23-2001			√
	BG	JP-2001-319995	11-16-2001			√
	BH	JP-1-218042	08-31-1989			Abstract
	BI	JP-2001-196525	07-19-2001			US Counterpart
	BJ	JP-2001-177045	06-29-2001			US Counterpart
	BK	JP-2000-323645	11-24-2000			√

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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